Unit Replacement: 1S Motor

Steps

① Turn OFF the power supply and replace the motor.

② Turn ON the power supply and go online.

③ Open the [Motor and Encoder] Tab Page.

④ Open the [Encoder Properties] screen.

⑤ Execute [Reset Motor Replacement Detection error].

⑥ Execute [Clear system].

⑦ Execute homing.

Detailed Steps

① **Turn OFF the power supply and replace the motor.**

② **Turn ON the power supply and go online.**
Go online with the Controller to which the Servo Drive is connected by referring to "**Going Online with an NJ/NX Controller**".
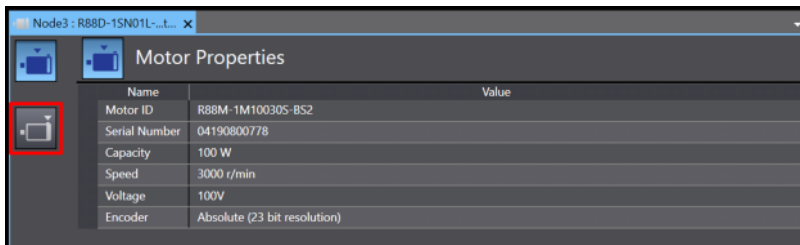
③ **Open the [Motor and Encoder] Tab Page.**
Right-click the Servo Drive connected to the motor that has been replaced from [Configurations and Setup] - [EtherCAT] in the Multiview Explorer, and select [Motor and Encoder].
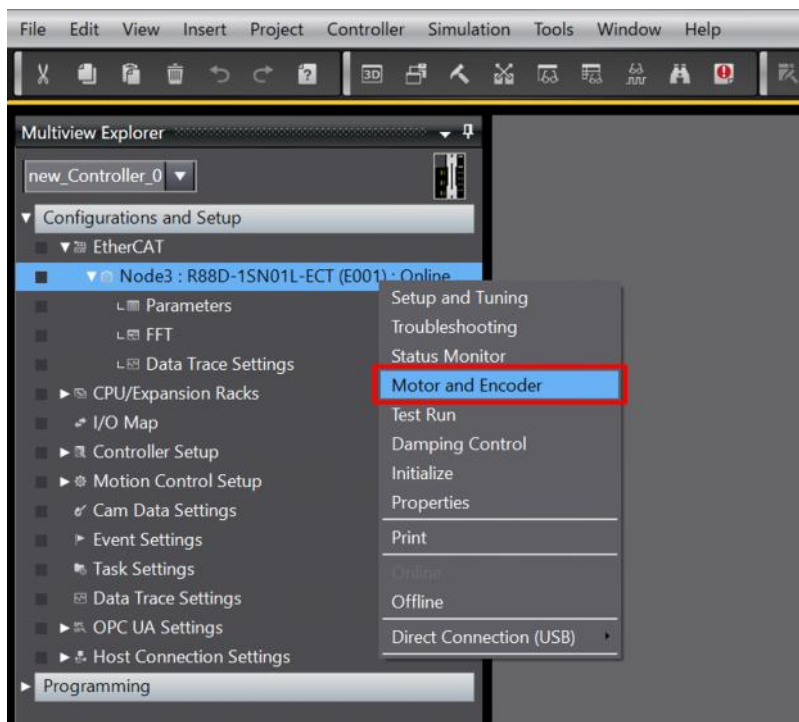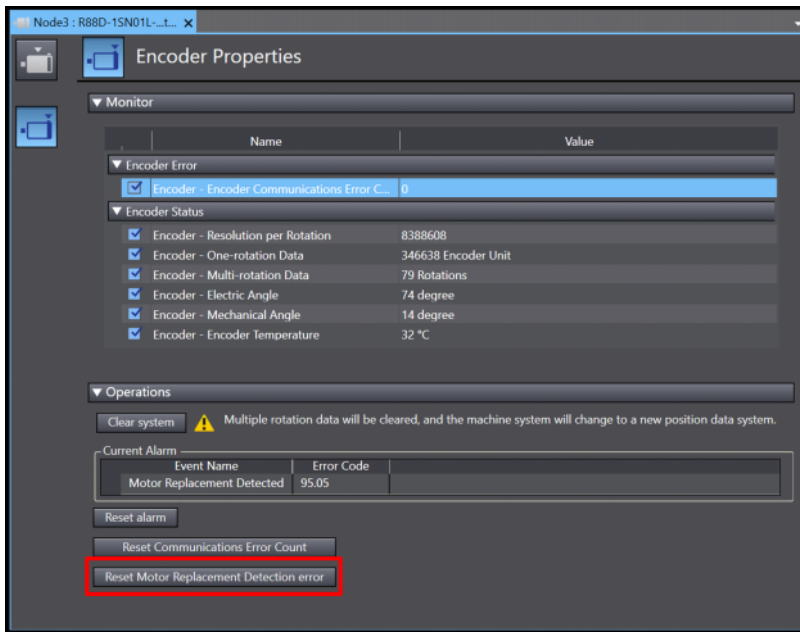

④ **Open the [Encoder Properties] screen.**
Click the button shown in the red frame in the figure below to open the [Encoder Properties] screen.

⑤ Execute [Reset Motor Replacement Detection error].
After replacing the motor, "95.05: Motor replacement detection" error occurs, so execute [Reset Motor Replacement Detection error].

After executing the reset, a pop-up window as shown in the figure below will be displayed, so click the [Yes] button.
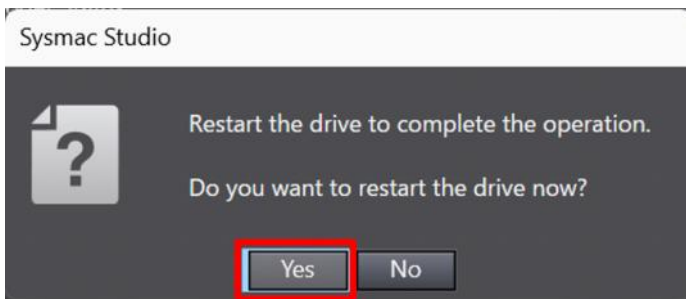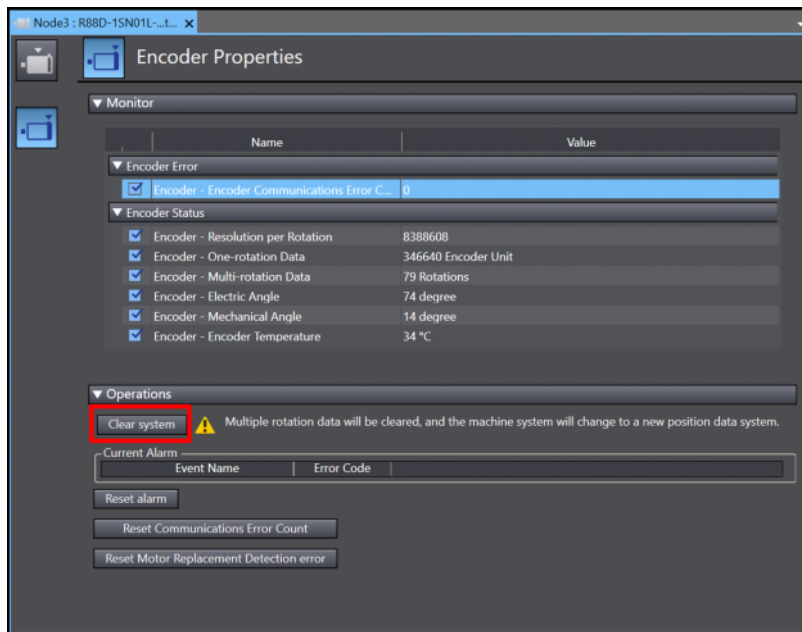

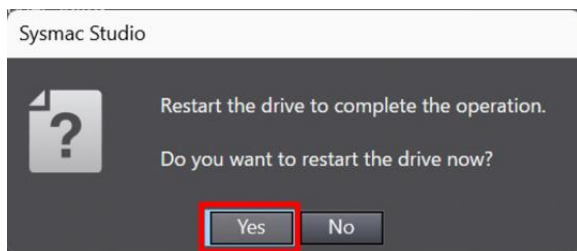* LED indication of the Servo Drive when "Motor replacement detection" error occurred

⑥ Execute [Clear system].
To clear the multiple rotation data, click the [Clear system] button.

After executing the reset, a pop-up window as shown in the figure below will be displayed, so click the [Yes] button.

⑦ **Execute homing.**
When the motor is replaced, the motor-specific zero position (Z-phase) will shift, so it is necessary to execute homing.
Execute homing according to the equipment specifications.

Remarks